

P-1 Jaw Crusher

Big and Bigger for lab work and quality control



+ **feed sizes up to 95 mm**
depending on model and
material

+ **particle fineness down to
1 mm** achieved by precision
gap adjustment

+ **throughput up to 200 kg/h**
depending on model,
material, and gap width

+ **adjustable crushing plate
kinematics** for increased
sample suitability

+ robust, durable, and
designed **for extreme
hardness**

+ **Iron-free pre-crushing** and
RoHS-compliant

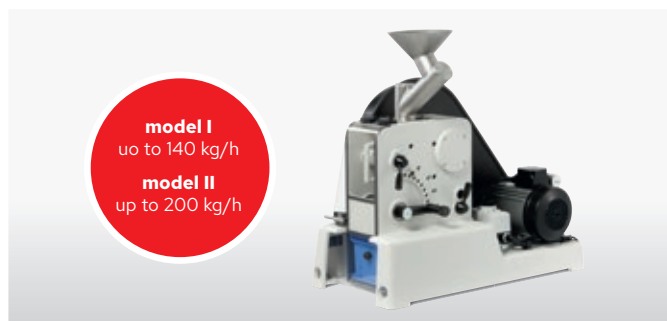
Meet the benchmark in ergonomic operation

When the going gets super tough, FRITSCH P-1 Jaw Crusher is the one to have around – for both lab and quality control work. Depending on the model and gap width, P-1 Jaw Crusher’s powerful jaw can deliver crushing performance up to 140 kg/h or even 200 kg/h. This makes it ideally suited to the consistent and efficient pre-crushing of hard materials, very hard brittle materials, or ferrous alloys. Final particle sizes of 15 mm to 1 mm can be achieved in the shortest possible time.

Big brother, little brother

There are two models of FRITSCH P-1 Jaw Crusher to choose from. Both share identical features but offer different degrees of performance. Model I has the smaller input and can crush materials up to 60 mm at a rate of up to 140 kg/h depending on hardness and grinding gap setting. Model II has the larger input of the two and delivers a throughput of up to 200 kg/h. It can comminute material up to 95 mm.

Quickly and easily feed material through the input funnels, even when larger quantities of material are concerned. Crushing can also be done in batches either manually or continuously using the automatic feed. Clogging is virtually impossible. Your target final fineness can be set precisely in 10 stages. And with two simple hand movements, you can remove the crushing plates for quick and easy cleaning to mitigate contamination.



Two models to meet your needs – make your choice based on throughput and sample size!



See the
FRITSCH P-1
in action!

Technical data

P-1

Optimal material type

very hard, hard, medium-hard, brittle, abrasive, metal-free grinding

Connection values

400 V/3~, 50 Hz, 1,340 watts or
400 V/3~, 50 Hz, 2,600 watts; also available in other voltages

Eccentric movements

308 movements/min

Weight

177 kg or 205 kg

Dimensions W x D x H

Table-top unit 40 x 80 x 80 cm

Table-top unit 50 x 80 x 80 cm



Contact us now

for a non-binding consultation or test grinding to identify your ideal device configuration and parameters.

consultation@fritsch.de
+49 6784 70-150



Find out more at

www.fritsch-international.com
in the sample-preparation/
milling/jaw-crushers

